

## **ABSTRACT**

An apparatus for passively aligning first and second substrates having micro-components disposed thereon when the substrates do not include patterned surfaces which face each other. The apparatus includes a first depression which cooperates with an alignment sphere to mechanically engage a corresponding depression disposed on the front surface of the first substrate and a second depression which cooperates with a second alignment sphere to mechanically engage a corresponding depression disposed on the front surface of the second substrate. The first and second depression of the alignment apparatus and the alignment spheres cooperate to passively align micro-components disposed on each of the substrates.